KARNATAKA TEST HOUSE PVT. LTD.

MATERIAL TESTING LABORATORY

778/44, Gokul 1st Stage, 2nd Phase, 8th Cross, Triveni Road,
Yeshwanthpur, Bangalore - 560 054.
Tel.: 23378383 Telefax : 23375326, E-mail : kthblr@gmail.com Website : www.karnatakatesthouse.com

Ref No. : KTH/WMM/326-580/2013-2014 **Date: 06.06.2013**

TEST REPORT ON WET MIX MACADAM

Name of the Customer*	:	**The Assistant Executive Engineer** BBMP, Kodigehalli Sub Division, Bangalore.
Name of the Contractor*	:	**Mr. M.R.Girish** Bangalore.
Name of the Project*	:	Improvements to Roads, Drains and Asphalting to Roads in Vinayaka layout, 2nd Cross, 1st Stage in ward No.7, Byatarayanapura, Bangalore.
Source of Sample	:	Samples supplied by the customer
Customer Reference*	:	Letter No.AEE/KOD.SUB.DIV/72/2013-14 dtd 03.06.2013
Sample Received on	:	04.06.2013
Technical Reference	:	MORT&H Specification (Fourth revision)

SIEVE ANALYSIS

Sl.No.	Sieve size mm	% Passing (Obtained gradation)	Specification as per MORT&H (Section 400, Table 400-11) % by wt. passing	Remarks
1	53	100	100	Sample confirms to the MORT&H Specification of (Section 400, Table 400-11)
2	45	97.15	95-100	
3	26.5	84.37	-	
4	22.4	73.92	60-80	
5	11.2	49.68	40-60	
6	4.75	32.46	25-40	
7	2.36	25.11	15-30	
8	0.60	14.62	8-22	
9	0.075	3.70	0-8	

Sl. No.	Test Conducted	Results	Specification as per MORT&H (Section 400, Table 400-10) % by wt. passing
1.	Combined Flakiness Index Elongation Index (%)	26.34	Shall not be more than 30%

* As furnished by the customer.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Note : 1) This report is not to be reproduced except in full without our prior permission in writing.
2) The results listed refer only to the tested samples and applicable parameters.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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Ref: KTH/SDBC/BBMP/326-581/2013-2014 **Date: 06.06.2013**

TEST REPORT ON SEMI DENSE BITUMINOUS CONCRETE (SDBC)

Name of the Customer : **The Assistant Executive Engineer,**
BBMP, Kodigehalli Sub Division,
Bangalore.

Name of Work* : Improvements to Roads, Drains and Asphalting to Roads in Vinayaka layout, 2nd Cross, 1st Stage in ward No.7, Byatarayanapura, Bangalore

Source of Sample : Sample supplied by the customer.

Customer Reference* : Letter No.AEE/KOD.SUB.DIV/72/2013-14 dtd 03.06.2013Sample

Received on : 04.06.2013

Identification* : Sample No.1

Technical Reference : IS 73 :1992 (Reaffirmed-1998) and MORT&H-Specification 4th Revision

a) Gradation for Bituminous Concrete (SDBC)

Sl. No.	Sieve size mm	% Passing	Specification as per MORT&H (Section 500, Table 500-15) Grade-2 % by wt.passing
1	13.2	100	100
2	9.50	97.10	90 – 100
3	4.75	45.60	35 – 51
4	2.36	28.55	24 – 39
5	1.18	20.67	15 – 30
6	0.60	16.46	-
7	0.30	13.70	9 – 19
8	0.15	8.40	-
9	0.075	3.28	3 – 8

b) Bitumen Content of Bituminous Concrete (SDBC)

Sl. No.	Description	Test Values	Remarks
1	Weight of Bitumen mix	1000 grams	Bitumen content satisfies MORT&H Specification Which is minimum of 5%
2	Weight of aggregate after extraction of bitumen	946.0 grams	
3	Weight of Bitumen	54.0 grams	
4	Bitumen content %	5.40 %	

*As furnished by the customer.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
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